

Table ENG-3. - Building Site Development

City of Suffolk, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings				
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value			
1B:										
Alaga	90	Not limited		Somewhat limited Depth to saturated zone		0.35	Somewhat limited Slope	0.13		
Pactolus	10	Not Rated		Not Rated			Not Rated			
2:										
Belhaven	85	Very limited		Very limited		Very limited				
		Ponding	1.00	Ponding	1.00	Ponding	1.00			
		Flooding	1.00	Flooding	1.00	Flooding	1.00			
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00			
Pungo	8	Not Rated		Not Rated			Not Rated			
Deloss	7	Not Rated		Not Rated			Not Rated			
3:										
Bohicket	90	Very limited		Very limited		Very limited				
		Flooding	1.00	Flooding	1.00	Flooding	1.00			
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00			
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00			
Kenansville	5	Not Rated		Not Rated			Not Rated			
Pactolus	5	Not Rated		Not Rated			Not Rated			
4:										
Deloss	90	Very limited Depth to saturated zone		1.00	Very limited Depth to saturated zone		1.00	Very limited Depth to saturated zone		1.00
Tomotley	5	Not Rated		Not Rated			Not Rated			
Belhaven	4	Not Rated		Not Rated			Not Rated			
5A:										
Dogue	85	Somewhat limited		Very limited		Somewhat limited				
		Shrink-swell	0.50	Depth to saturated zone	1.00	Shrink-swell	0.50			
		Depth to saturated zone	0.07	Shrink-swell	0.50	Depth to saturated zone	0.07			
Emporia	5	Not Rated		Not Rated			Not Rated			
Eunola	5	Not Rated		Not Rated			Not Rated			

Table ENG-3. - Building Site Development - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5A:							
Wahee	5	Not Rated		Not Rated		Not Rated	
5B2:							
Dogue	85	Somewhat limited	0.50 0.07	Very limited	1.00 0.50	Somewhat limited	0.50 0.07
		Shrink-swell		Depth to saturated		Shrink-swell	
		Depth to saturated zone		zone		Depth to saturated zone	
Emporia	5	Not Rated		Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated		Not Rated	
6:							
Dragston	85	Somewhat limited	0.81	Very limited	1.00	Somewhat limited	0.81
		Depth to saturated		Depth to saturated		Depth to saturated	
		zone		zone		zone	
Tomotley	8	Not Rated		Not Rated		Not Rated	
Tetotum	7	Not Rated		Not Rated		Not Rated	
7A:							
Emporia	90	Somewhat limited	0.50	Somewhat limited	0.73 0.50	Somewhat limited	0.50
		Shrink-swell		Depth to saturated		Shrink-swell	
				zone			
Kenansville	5	Not Rated		Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated		Not Rated	
7B2:							
Emporia	90	Somewhat limited	0.50	Somewhat limited	0.73 0.50	Somewhat limited	0.50
		Shrink-swell		Depth to saturated		Shrink-swell	
				zone			
Kenansville	5	Not Rated		Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated		Not Rated	
8A:							
Eunola	90	Somewhat limited	0.39	Very limited	1.00	Somewhat limited	0.39
		Depth to saturated		Depth to saturated		Depth to saturated	
		zone		zone		zone	
Lynchburg	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B:							
Eunola	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Lynchburg	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
9A:							
Goldsboro	95	Not limited		Very limited Depth to saturated zone	1.00	Not limited	
Rains	5	Not Rated		Not Rated		Not Rated	
9B2:							
Goldsboro	95	Not limited		Very limited Depth to saturated zone	1.00	Not limited	
Rains	5	Not Rated		Not Rated		Not Rated	
10A:							
Kalmia	90	Not limited		Somewhat limited Depth to saturated zone	0.35	Not limited	
Kenansville	5	Not Rated		Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated		Not Rated	
10B:							
Kalmia	90	Not limited		Somewhat limited Depth to saturated zone	0.35	Not limited	
Kenansville	5	Not Rated		Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated		Not Rated	
11:							
Kenansville	85	Not limited		Not limited		Not limited	
Eunola	5	Not Rated		Not Rated		Not Rated	
Pactolus	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	

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Table ENG-3. - Building Site Development - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12:							
Kenansville	95	Not limited		Somewhat limited Depth to saturated zone		Not limited 0.35	
Suffolk	3	Not Rated		Not Rated		Not Rated	
Eunola	2	Not Rated		Not Rated		Not Rated	
13:							
Levy	85	Very limited Flooding Depth to saturated zone Shrink-swell		Very limited Flooding Depth to saturated zone Shrink-swell		Very limited Flooding Depth to saturated zone Shrink-swell	
			1.00		1.00		1.00
			1.00		1.00		1.00
			1.00		1.00		1.00
Rains	8	Not Rated		Not Rated		Not Rated	
Nansemond	7	Not Rated		Not Rated		Not Rated	
14:							
Lynchburg	80	Very limited Depth to saturated zone		Very limited Depth to saturated zone		Very limited Depth to saturated zone	
			1.00		1.00		1.00
Rains	8	Not Rated		Not Rated		Not Rated	
Eunola	7	Not Rated		Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated		Not Rated	
15B:							
Nansemond	90	Somewhat limited Depth to saturated zone		Very limited Depth to saturated zone		Somewhat limited Depth to saturated zone	
			0.39		1.00		0.39
Dragston	10	Not Rated		Not Rated		Not Rated	
15D:							
Nansemond	85	Somewhat limited Depth to saturated zone Slope		Very limited Depth to saturated zone Slope		Very limited Slope Depth to saturated zone	
			0.39		1.00		1.00
			0.37		0.37		0.39
Rains	8	Not Rated		Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated		Not Rated	
15E:							

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15E:							
Nansemond	80	Very limited Slope Depth to saturated zone	1.00 0.39	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.39
Rains	8	Not Rated		Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated		Not Rated	
16A:							
Nansemond	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Weston	10	Not Rated		Not Rated		Not Rated	
16B:							
Nansemond	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Weston	10	Not Rated		Not Rated		Not Rated	
17:							
Pactolus	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Alaga	5	Not Rated		Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated		Not Rated	
Kalmia	5	Not Rated		Not Rated		Not Rated	
18:							
Pungo	85	Very limited Ponding Subsidence Flooding	1.00 1.00 1.00	Very limited Ponding Subsidence Flooding	1.00 1.00 1.00	Very limited Ponding Subsidence Flooding	1.00 1.00 1.00
Belhaven	8	Not Rated		Not Rated		Not Rated	
Deloss	7	Not Rated		Not Rated		Not Rated	
19:							
Rains	75	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Lynchburg	7	Not Rated		Not Rated		Not Rated	

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19:							
Nansemond	7	Not Rated		Not Rated		Not Rated	
Eunola	6	Not Rated		Not Rated		Not Rated	
Torhunta	5	Not Rated		Not Rated		Not Rated	
20A:							
Rumford	90	Not limited		Not limited		Not limited	
Nansemond	10	Not Rated		Not Rated		Not Rated	
20B:							
Rumford	95	Not limited		Not limited		Not limited	
Nansemond	5	Not Rated		Not Rated		Not Rated	
21A:							
State	95	Not limited		Somewhat limited Depth to saturated zone	0.35	Not limited	
Tetotum	5	Not Rated		Not Rated		Not Rated	
21B:							
State	90	Not limited		Somewhat limited Depth to saturated zone	0.35	Not limited	
Tetotum	10	Not Rated		Not Rated		Not Rated	
22A:							
Suffolk	90	Not limited		Not limited		Not limited	
Eunola	10	Not Rated		Not Rated		Not Rated	
22B:							
Suffolk	90	Not limited		Not limited		Not limited	
Eunola	10	Not Rated		Not Rated		Not Rated	
23A:							
Tetotum	85	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
State	8	Not Rated		Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated		Not Rated	
23B:							

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23B:							
Tetotum	90	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.39
Dragston	5	Not Rated		Not Rated		Not Rated	
State	5	Not Rated		Not Rated		Not Rated	
24:							
Tomotley	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Deloss	5	Not Rated		Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated		Not Rated	
Rains	5	Not Rated		Not Rated		Not Rated	
25:							
Torhunta	90	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Belhaven	10	Not Rated		Not Rated		Not Rated	
26:							
Udorthents	70	Not Rated		Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated		Not Rated	
Kenansville	5	Not Rated		Not Rated		Not Rated	
Lynchburg	5	Not Rated		Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated		Not Rated	
27:							
Urban land	90	Not Rated		Not Rated		Not Rated	
Dogue	10	Not Rated		Not Rated		Not Rated	

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Table ENG-3. - Building Site Development - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28:							
Wahee	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Dogue	5	Not Rated		Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated		Not Rated	
29:							
Weston	90	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Nansemond	10	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	95	Not Rated		Not Rated		Not Rated	
M-W:							
Water	100	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	